

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|---|------|-----|--------|---|--|---------------------|
| 1 | BRS | L1 | 599075 | (inside or ambient or interior) near2 (temp or temperature or heat or thermal or celsius or c or fahrenheit or f or kelvin or k) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 2 | BRS | L2 | 291180 | (combustion or combusted or combusting or burn or burning or flame or flue or exhaust) near2 (temp or temperature or heat or thermal or celsius or c or fahrenheit or f or kelvin or k) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 3 | BRS | L3 | 651923 | (fuel or combustion or combusted or combusting or burn or burning or flame or gas or oil or coal or pellet) near3 (power or energy or heat or calorie or potential or ideal or idea or theory or theoretical) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 4 | BRS | L4 | 1684 | L1 same L2 same L3 same (interval or period or time or snapshot or periodic or periodically or window or range or band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 5 | BRS | L5 | 284028 | (waste or flue or exhaust or stack) near4 (temp or temperature or heat or thermal or celsius or c or fahrenheit or f or kelvin or k) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 6 | BRS | L6 | 197713 | (outside or surround or surrounding or exterior) near2 (temp or temperature or heat or thermal or celsius or c or fahrenheit or f or kelvin or k) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|---------|---|--|---------------------|
| 7 | BRS | L7 | 280169 | (waste or flue or exhaust or stack) near4 (concentration or mix or mixture or composition or component or makeup or make or carbon or c or oxygen or o or co or co2 or ((co or o) near2 ("2" or two))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 8 | BRS | L8 | 315 | L5 same L6 same L7 same (interval or period or time or snapshot or periodic or periodically or window or range or band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 9 | BRS | L9 | 4721581 | (efficient or efficiency or performance or perform or performed or performing or percent or percentage or "%" or ratio) same (interval or period or time or snapshot or periodic or periodically or window or range or band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 10 | BRS | L10 | 5070 | L2 same L7 same L9 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 11 | BRS | L11 | 3144 | L1 near5 (ave or average or mean or median) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 12 | BRS | L12 | 771 | L6 near5 (ave or average or mean or median) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|---------|--|--|---------------------|
| 13 | BRS | L13 | 192968 | (ave or average or mean or median) near3 (efficient or efficiency or performance or perform or performed or performing or percent or percentage or "%" or ratio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 14 | BRS | L14 | 1 | L3 same L12 same L13 same (interval or period or time or snapshot or periodic or periodically or window or range or band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 15 | BRS | L15 | 15083 | L6 near5 (min or minimum or low or lower or lowest or bottom) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 16 | BRS | L16 | 4663618 | (max or maximum or high or higher or highest or upper or top or greatest or optimal or optimum or optimize or optimized or optimizing or optimization) near3 (efficient or efficiency or performance or perform or performed or performing or percent or percentage or "%" or ratio or load or loading or work or worked or working or worker or require or required or requiring or requirement or demand or power or energy or heat or calorie or consume or consumed or consuming or consumption or need or needed or use or used or using or utilize or utilized or utilizing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|---------|--|--|---------------------|
| 17 | BRS | L17 | 1 | L11 same L12 same L13 same L16 same (interval or period or time or snapshot or periodic or periodically or window or range or band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 18 | BRS | L18 | 4576900 | (heat or heating or cool or cooling or operate or operation or operating or operated or operator or operator or exchange or exchanger or exchanged or exchanging or boiler or heater or thermal or ventilate or ventilated or ventilation or ventilating or vac or hvac) near3 (load or loading or work or worked or working or worker or require or required or requiring or requirement or demand or power or energy or heat or calorie or consume or consumed or consuming or consumption or need or needed or use or used or using or utilize or utilized or utilizing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 19 | BRS | L19 | 5558 | L15 same L18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 20 | BRS | L20 | 4 | L4 and L10 and L19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|-------|---|--|---------------------|
| 21 | BRS | L21 | 1 | L20 and L8 and L14 and L17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 22 | BRS | L22 | 38715 | L2 same L3 same (interval or period or time or snapshot or periodic or periodically or window or range or band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 23 | BRS | L23 | 22622 | L5 same L7 same (interval or period or time or snapshot or periodic or periodically or window or range or band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 24 | BRS | L24 | 4254 | L5 same L10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 25 | BRS | L25 | 1706 | L22 and L23 and L24 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |
| 26 | BRS | L26 | 1967 | L8 or L14 or L17 or L20 or L21 or L25 Reviewed TI, Ab. Kwic All /ERC/ 01 March 2010 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:51 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|---|--|---------------------|
| 27 | BRS | L27 | 44 | (donath\$1.in. adj2 (m.in. or martin.in.)) or (hoyer\$1.in. adj2 (k.in. or knut.in.)) Reviewed Ti, Ab All /ERC/ 01 March 2010 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:58 |
| 28 | BRS | L28 | 1751 | "2007/0235550".urpn" or "2007/0235550" or "20070235550" or ("20070235550" or "2005085784" or "4054408" or "4621528" or "2753485" or "3730529" or "10057834" or "10030294" or "10062581" or "3626281" or "1562536" or "6326281").pn. or ((@pd>="19470101" and @pd<="19710101") and (73/432.1 or 73/865.8 or 73/865.9 or 126/19.5 or 165/11.1 or 165/200 or 165/201 or 165/202 or 236/1 or 236/1r or 236/1a or 236/1h or 431/2 or 431/13 or 431/356 or 700/1 or 700/28 or 700/32 or 700/33 or 700/90 or 700/275 or 700/276 or 700/299 or 700/300 or 702/1 or 702/127 or 702/182 or 702/187 or 702/188 or 702/189).ccls.) Reviewed Ti All /ERC/ 01 March 2010 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2010/03/01 12:59 |

INTERFERENCE SEARCH OF L26, L27 & L28
/ERC/
01 March 2010

| | Document ID | Publication Date | Inventor | Current OR | Current XRef | Pages |
|---|-------------------|------------------|--------------------------|------------|---|-------|
| 1 | US 1730541 A | 19291008 | SPITZGLASS JACOB M | 73/113.01 | | 5 |
| 2 | US 2252369 A | 19410812 | GERMER WILHELM E | 73/196 | 236/14 | 5 |
| 3 | US 2252367 A | 19410812 | GERMER WILHELM E | 73/196 | 236/14; 374/41; 374/42; 73/198 | 7 |
| 4 | US 4355908 A | 19821026 | Weisser; Gunter et al. | 374/39 | 374/E17.008; 73/204.13 | 12 |
| 5 | US 4362499 A | 19821207 | Nethery; Stanton K. | 431/12 | 236/15E; 431/76 | 7 |
| 6 | US 4749122 A | 19880607 | Shriver; James E. et al. | 236/14 | 122/448.1; 236/15BD | 24 |
| 7 | US 20070235550 A1 | 20071011 | Donath; Martin et al. | 237/1R | 374/E17.007 | 17 |

L26 Results
/ERC/
01 March 2010

| | Document ID | Publication Date | Inventor | Current OR | Current XRef | Pages |
|---|----------------------|------------------|-----------------------|------------|--------------|-------|
| 1 | WO 2005085784 A1 | 20050915 | DONATH, MARTIN et al. | | | 65 |
| 2 | US 20070235550 A1 | 20071011 | Donath; Martin et al. | 237/1R | 374/E17.007 | 17 |

L27 Results
/ERC/
01 March 2010

| | Document ID | Publication Date | Inventor | Current OR | Current XRef | Pages |
|----|----------------|------------------|----------------------------------|------------|---|-------|
| 1 | US 2883255 A | 19590421 | ANDERSON RALPH A | 346/34 | 340/518; 340/870.13; 346/136; 400/568; 400/583; 400/587; 400/712; 400/716; 702/187; 714/45 | 20 |
| 2 | US 3202804 A | 19650824 | HELMAR SCHLEIN | 702/182 | 340/521; 340/870.01; 340/870.05; 376/217; 700/80; 976/DIG.138; 976/DIG.298; 976/DIG.301 | 21 |
| 3 | US 4054408 A | 19771018 | Sheffield; Robert E. et al. | 431/12 | 137/4; 431/90 | 8 |
| 4 | DE 2753485 A | 19780615 | BERGMAN A P | | | 16 |
| 5 | US 4621528 A | 19861111 | Alt; Vernon J. et al. | 73/865.8 | | 7 |
| 6 | DE 3626281 A1 | 19880211 | AMRHEIN, WILHELM ING GRAD et al. | | 73/FOR.106; 374/E17.007 | 8 |
| 7 | DE 3730529 A1 | 19880324 | SCHNEIDER, HELMHOLD | | 374/39; 374/E17.007 | 8 |
| 8 | DE 10030294 A1 | 20020110 | KOPETZKY, ROLAND et al. | | 374/E17.007 | 8 |
| 9 | DE 10030294 A1 | 20020110 | FREIHOFER H et al. | | | 8 |
| 10 | DE 10057834 A1 | 20020606 | BRAUNS, INGO | | | 4 |
| 11 | EP 1215445 A2 | 20020619 | FARAGO Z | | | 15 |

| | Document ID | Publication Date | Inventor | Current OR | Current XRef | Pages |
|----|----------------------|------------------|-----------------------|------------|--------------|-------|
| 12 | WO 2005085784 A1 | 20050915 | DONATH, MARTIN et al. | | | 65 |
| 13 | US 20070235550 A1 | 20071011 | Donath; Martin et al. | 237/1R | 374/E17.007 | 17 |

L28 Results
/ERC/
01 March 2010